

32-1703: sCD40L His Recombinant Protein

Alternative Name : CD40-L, Tumor necrosis factor ligand superfamily member 5, TNF-related activation protein, TRAP, T cell antigen Gp39, CD154 antigen, sCD40, IGM, IMD3, HIGM1, T-BAM, TNFSF5, hCD40L, CD40LG.

Description

Source : Escherichia Coli. CD40LG Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 169 amino acids (113-261 a.a.) and having a molecular mass of 18.3kDa. The CD40LG is purified by proprietary chromatographic techniques. CD40L or CD154 is a membrane glycoprotein and differentiation antigen expressed on the surface of T-cells. The CD40 ligand stimulates B-cell proliferation and secretion of all immunoglobulin isotypes in the presence of cytokines. CD40 ligand has been shown to induce cytokine production and tumoricidal activity in peripheral blood monocytes. It also costimulates proliferation of activated T-cells and this is accompanied by the production of IFN-gamma , TNF-alpha , and IL2.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : The CD40LG solution (0.5mg/ml) 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 40% glycerol and 0.2M NaCl.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MQKGDQNPQI AAHVISEASS KTTSVLQWAE KGYTMSNNL
VTLENGKQLT VKRQGLYYIY AQVTFCNRE ASSQAPFIAS LCLKSPGRFE RILLRAANTH SSAKPCGQQS
IHLGGVFELQ PGASVFNVT DPSQVSHGTG FTSFGLLKL.

